Optoma EP747 Silent mode RS232 Command Table

Baud Rate : 9600
Parity: None
Flow Control : None
Data Bits: 8
Stop Bits: 1
UART16550 FIFO: Disable

SEND to projector

232 Code	Function	Description
IDoolR101	Power ON	oo=01-99, projector's ID, oo=00 is for all projectors.
IDoolR100	Power OFF	
IDoolR001	Eco. mode on	
IDoolR002	Eco. mode off	
IDoolR003	Resync.	
IDoolR004	Freeze	
IDoolR005	Unfreeze	
IDoolR006	Source lock on	
IDoolR007	Source lock off	
IDoolR008	A/V mute on	
IDoolR009	A/V mute off	
IDoolR010	zoom plus	
IDoolR011	zoom minus	
IDoolR012	up (Pan under zoom)	
IDoolR013	down (Pan under zoom)	
IDoolR014	left (Pan under zoom)	
IDoolR015	right (Pan under zoom)	
IDoolR016	reset	
IDoolR020	Source select	
IDoolR021	〃	D-sub1 (VGA1)
IDoolR022	〃	D-sub2 (VGA2)
IDoolR023	〃	S-video
IDoolR024	〃	Composite Video
IDoolR030	Display format	16:9
IDoolR031	〃	4:3
IDoolR032	〃	window
IDoolR033	〃	letterbox (option, EP747 without this)
IDoolR040	Color temp.	low
IDoolR041	〃	medium
IDoolR042	〃	high
IDoolR043	〃	sRGB
IDoolR050	Display mode	
IDoolR051	〃	Photo
IDoolR052	〃	Video
IDoolR053	〃	Cinema
IDoolR054	〃	sRGB
IDoolR055	〃	User
IDoolR060	Projection way	
IDoolR061	〃	front + ceiling
IDoolR062	〃	rear
IDoolR063	〃	rear + ceiling
IDoolR080nn	brightness	nn=00-99 , 99 will achieve maximum value even osd value is not 0~100.
IDoolR081nn	contrast	nn=00-99
IDoolR082nn	volume	nn=00-99
IDoolR083nn	white intensity	nn=00-99
IDoolR084nn	sharpness	nn=00-99
IDoolR085nn	phase	nn=00-99
IDoolR086nn	degamma	nn=00-99
IDoolR087nn	vert. shift(16:9 only)	nn=00-99
IDoolR088nn	color (red)	nn=00-99 , caution! corresponding OSD value : -10 ..... 0 ..... +10
IDoolR089nn	color (green)	nn=00-99 , 〃
IDoolR090nn	color (blue)	nn=00-99 , 〃
IDoolR091nn	color (yellow)	nn=00-99 , 〃
IDoolR092nn	color (cyan)	nn=00-99 , 〃
IDoolR093nn	color (magenta)	nn=00-99 , 〃
IDoolR094nn	keystone	nn=00-99 , caution! corresponding OSD value : -40 ..... 0 ..... +40
IDoolR095nn	auto power off	nn=00-99 , caution! maximum is 180 min.
IDoolR096nn	sleep timer	nn=00-99 , caution! maximum is 180 min.

READ from projector

232 Code	Function	Return	Description
IDoolR099	LampHour	nnnn (4 digits)	Returns Lamp Hour
ID00IR999	Protocol Confirm	PROTOCOLA	protocol A